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American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT
VOL. 69 For Week Ended September 30, 1988 NO. 39

SUMMARY*

(In Thousands of 42-gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 09/30/88	Last Week Ending: 09/23/88	Last Year Week Ending: 10/02/87	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	13,522	12,927	13,108	595	414
Operable capacity	15,917	15,917	15,697	0	220
Percent operated	85.0	81.2	83.5		
Motor Gasoline					
Total motor gasoline production	6,834	6,997	6,711	-163	123
Finished leaded motor gasoline production	1,184	1,166	1,606	18	-422
Finished unleaded motor gasoline production	5,650	5,831	5,105	-181	545
Total motor gasoline stocks	221,719	218,545	229,469	3,174	-7,750
Finished leaded motor gasoline stocks	41,635	41,537	54,589	98	-12,954
Finished unleaded motor gasoline stocks	141,616	139,220	135,431	2,396	6,185
Jet Fuel Kerosine					
Jet fuel kerosine production	1,213	1,179	1,206	34	7
Jet fuel kerosine stocks	41,337	40,860	43,690	477	-2,353
Distillate Fuel Oil					
Distillate fuel oil production	2,846	2,583	2,765	263	81
Distillate fuel oil stocks	129,833	132,189	128,865	-2,356	968
Residual Fuel Oil					
Residual fuel oil production	934	857	855	77	79
Residual fuel oil stocks	44,364	43,568	45,174	796	-810
Imports					
Crude oil imports	5,663	4,664	5,092	999	571
Product imports	1,961	2,108	1,973	-147	-12
Crude Oil Stocks					
Crude oil stocks	324,138	318,827	334,365	5,311	-10,227
Crude Supply Balance	474				

*See definitions on page 6.

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,475	1,245	1,253	1,380	90.8
Appal. No. 1	95	90	91	107	85.0
DISTRICT 1 TOTAL	1,570	1,335	1,344	1,487	90.4
Ind., Ill., Ky.	1,925	1,823	1,837	2,254	81.5
Minn., Wisc., Daks.	343	333	337	312	108.0
Okla., Kans., Mo.	754	703	711	718	99.0
DISTRICT 2 TOTAL	3,022	2,859	2,885	3,284	87.9
Inland Texas	494	454	458	564	81.2
Texas Gulf Coast	3,308	3,030	3,054	3,580	85.3
La. Gulf Coast	2,529	2,289	2,324	2,908	79.9
N. La. and Ark.	168	150	155	252	61.5
New Mexico	87	73	74	76	97.4
DISTRICT 3 TOTAL	6,586	5,996	6,065	7,380	82.2
DISTRICT 4 TOTAL	508	465	473	535	88.4
DISTRICT 5 TOTAL	2,833	2,707	2,755	3,231	85.3
TOTAL U.S.	14,519	13,362	13,522	15,917	85.0
TOTAL U.S. Weeks Ended:					
SEP. 23, 1988	14,099	12,790	12,927	15,917	81.2
OCT. 2, 1987	14,034	13,020	13,108	15,697	83.5
DISTRICTS 1-4 Weeks Ended:					
SEP. 30, 1988	11,686	10,655	10,767	12,686	84.9
SEP. 23, 1988	11,264	10,134	10,222	12,686	80.6
OCT. 2, 1987	11,499	10,485	10,573	12,438	85.0

API WEEKLY STATISTICAL BULLETIN

Week Ended September 30, 1988

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil
East Coast	663*	35*	628	17	76	356	148
Appal. No. 1	40	8	32	--	--	29	2
DISTRICT 1 TOTAL	703*	43*	660	17	76	385	150
Ind., Ill., Ky.	1,062	114	948	10	95	400	43
Minn., Wisc., Daks.	149	35	114	1	19	53	7
Okla., Kans., Mo.	367	111	256	9	56	178	6
DISTRICT 2 TOTAL	1,578	260	1,318	20	170	631	56
Inland Texas	318	77	241	22	32	110	20
Texas Gulf Coast	1,621	241	1,380	33	267	605	200
La. Gulf Coast	1,068	176	892	28	283	482	122
N. La. and Ark.	56	4	52	3	1	43	8
New Mexico	49	14	35	8	1	17	--
DISTRICT 3 TOTAL	3,112	512	2,600	94	584	1,257	350
DISTRICT 4 TOTAL	233	95	138	14	32	123	9
DISTRICT 5 TOTAL	1,208	274	934	40	351	450	369
TOTAL U.S.	6,834	1,184	5,650	185	1,213	2,846	934
TOTAL U.S. Weeks Ended:							
SEP. 23, 1988	6,997*	1,166*	5,831	243	1,179	2,583	857
OCT. 2, 1987	6,711	1,606	5,105	215	1,206	2,765	855
DISTRICTS 1-4 Weeks Ended:							
SEP. 30, 1988	5,626	910	4,716	145	862	2,396	565
SEP. 23, 1988	5,684*	876*	4,808	187	824	2,090	483
OCT. 2, 1987	5,684	1,328	4,356	171	907	2,382	497

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2]Includes Grade No. 4 fuel oil.

* See Revisions on Page 7.

STOCKS OF SELECTED PRODUCTS
(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	4,010	515	3,494	1	119	589	8,182	1,230	--
Central Atlantic	26,938*	3,742	18,635*	4,561	472	4,992	31,952*	14,156*	11,518
Lower Atlantic	29,704	5,030	24,450	224	510	4,438	14,031	3,525*	495
DISTRICT 1 TOTAL	60,652*	9,287	46,579*	4,786	1,101	10,019	54,165*	18,911*	12,013
DISTRICT 2 TOTAL	62,290*	13,223*	40,505	8,562	945	8,426	30,584	3,204	15,173
DISTRICT 3 TOTAL	61,990	10,350	36,042	15,598	2,416	14,783	29,317	12,933	50,112
DISTRICT 4 TOTAL	6,224	2,003	2,535	1,686	331	780	2,926	555	1,960
DISTRICT 5 TOTAL	30,563	6,772	15,955	7,836	1,844	7,329	12,841	8,761	28,919
TOTAL U.S.	221,719	41,635	141,616	38,468	6,637	41,337	129,833	44,364	108,177
TOTAL U.S. Weeks Ended:									
SEP. 23, 1988	218,545*	41,537*	139,220*	37,788	6,729	40,860	132,189*	43,568*	107,382
OCT. 2, 1987	229,469	54,589	135,431	39,449	6,458	43,690	128,865	45,174	103,308
DISTRICTS 1-4 Weeks Ended:									
SEP. 30, 1988	191,156	34,863	125,661	30,632	4,793	34,008	116,992	35,603	79,258
SEP. 23, 1988	188,650*	34,969*	123,184*	30,497	5,119	33,862	119,526*	35,716*	78,295
OCT. 2, 1987	199,318	47,218	120,464	31,636	4,863	37,842	117,919	36,180	78,604

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil.

* See Revisions on Page 7.

WEEKLY STATISTICAL BULLETIN
Week Ended September 30, 1988

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS, CRUDE OIL SUPPLY BALANCE AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy May 1988	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
SEP. 30, 1988	5,034.0	5,106.0	5,519	614	244,715
SEP. 23, 1988	5,034.0	--	4,340*	623	241,061
SEP. 16, 1988	5,034.0	--	3,971*	728	243,942
SEP. 9, 1988	5,034.0	--	5,068	452	254,397
DISTRICT 5 TOTAL					
SEP. 30, 1988	3,124.0	3,094.0	144	3	79,423 #
SEP. 23, 1988	3,124.0	--	324	7	77,766
SEP. 16, 1988	3,124.0	--	80	3	78,770
SEP. 9, 1988	3,124.0	--	332	6	74,806
TOTAL U.S.					
SEP. 30, 1988	8,158.0	8,200.0	5,663	617	324,138 #
SEP. 23, 1988	8,158.0	--	4,664*	630	318,827
SEP. 16, 1988	8,158.0	--	4,051*	731	322,712
SEP. 9, 1988	8,158.0	--	5,400	458	329,203
OCT. 2, 1987	8,205.0 a/	--	5,092	609	334,365

#INCLUDES 21,630 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

a/ DOE actual for September 1987.

DAILY AVERAGE CRUDE OIL SUPPLY BALANCE[1] (In thousands of 42-gallon barrels)

Week Ended:	Current	1987 Averages Absolute	1987 Averages Positive	1987 Averages Negative
SEP. 30, 1988	474	468	550	-334

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
SEP. 30, 1988	15,501	62,927	154,700	11,587	244,715	79,423 #	324,138 #
SEP. 23, 1988	16,355	63,808	149,656	11,242	241,061	77,766	318,827
OCT. 2, 1987	16,733	67,923	163,350	12,169	260,175	74,190	334,365

[1]See definitional notes, Page 6.

* See Revisions on Page 7.

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Gasoline[2] Blending Components	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[3]	Residual Fuel Oil	L.P.G.	Unfinished Oils	Other	Total
New England	18	--	18	--	--	--	139	--	--	--	1	158
Central Atlantic	128	--	128	47	--	36	11	296	17	111	79	725
Lower Atlantic	161	17	144	--	--	--	74	85	--	--	5	325
DISTRICT 1 TOTAL												
SEP. 30, 1988	307	17	290	47	--	36	224	381	17	111	85	1,208
SEP. 23, 1988	302	--	302	127	--	42	246	626	20	138	102	1,603
SEP. 16, 1988	611	8	603	81	--	24	323	720	6	109	91	1,965
SEP. 9, 1988	222	5	217	9	--	26	217	477	6	79	56	1,092
DISTRICTS 2-4 TOTAL												
SEP. 30, 1988	7	--	7	4	3	17	16	65	181	221	184	698
SEP. 23, 1988	7	--	7	6	4	8	11	59	171	179	9	454
SEP. 16, 1988	10	--	10	5	3	6	16	12	52	155*	8	267*
SEP. 9, 1988	19	--	19	--	4	7	12	40	39	75	53	249
DISTRICT 5 TOTAL												
SEP. 30, 1988	29	--	29	--	--	3	4	5	11	3	--	55
SEP. 23, 1988	26	--	26	--	--	2	3	6	11	3	--	51
SEP. 16, 1988	41	--	41	1	--	1	4	7	7	2	--	63
SEP. 9, 1988	22	1	21	--	--	2	3	5	5	--	--	37
TOTAL U.S.	343	17	326	51	3	56	244	451	209	335	269	1,961
TOTAL U.S. Weeks Ended:												
SEP. 23, 1988	335	--	335	133	4	52	260	691	202	320	111	2,108
SEP. 16, 1988	662	8	654	87	3	31	343	739	65	266*	99	2,295*
SEP. 9, 1988	263	6	257	9	4	35	232	522	50	154	109	1,378
OCT. 2, 1987	575	43	532	44	2	62	344	171	234	241	300	1,973

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2]Gasoline blending components are not included in total motor gasoline imports.

[3]Includes Grade No. 4 fuel oil.

* See Revisions on Page 7.

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the components stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Crude oil (includes lease condensate) produced outside the 50 states. Material from the Athabasca tar sands is included.
Reported on a Port of Entry basis.
The Total of crude oil imports includes those from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Crude Supply Balance

Crude Supply Balance is the arithmetic difference, expressed in MB/D, between those factors that make up the availability of crude oil (Supply), i.e., estimated domestic crude oil production plus imports plus or minus the change in crude oil stocks, and those factors that convert or consume crude oil (Disposition), i.e., crude oil refinery inputs, exports, product supplied (used directly as fuel) and losses. A negative volume indicates a supply greater than disposition while a positive number indicates insufficient supply to balance.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but included shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorous per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Finance, Accounting and Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE, Petroleum Supply Annual.

REVISIONS

09/16/88	PAGE 2	TOTAL MGAS	EAST COAST	704
			DISTRICT 1 TOTAL	743
			TOTAL U.S.	7,071
			DISTRICTS 1-4	5,886
		LEADED MGAS	EAST COAST	63
			DISTRICT 1 TOTAL	68
			TOTAL U.S.	1,112
			DISTRICTS 1-4	859
	PAGE 3	TOTAL MGAS	CENTRAL ATLANTIC	26,357
			DISTRICT 1 TOTAL	59,081
			TOTAL U.S.	216,869
			DISTRICTS 1-4	188,552
		UNLEADED MGAS	CENTRAL ATLANTIC	18,685
			DISTRICT 1 TOTAL	45,434
			TOTAL U.S.	137,409
			DISTRICTS 1-4	122,836
	PAGE 4 T	TOTAL CRUDE OIL IMPORTS	DISTRICTS 1-4 TOTAL	3,971
			TOTAL U.S.	4,051
	PAGE 5	UNFINISHED OIL	DISTRICTS 2-4 TOTAL	155
			TOTAL U.S.	266
		TOTAL	DISTRICTS 2-4 TOTAL	267
			TOTAL U.S.	2,295
09/23/88	PAGE 3	TOTAL MGAS	DISTRICT 2 TOTAL	61,011
			TOTAL U.S.	218,545
			DISTRICTS 1-4	188,650
		LEADED MGAS	DISTRICT 2 TOTAL	14,085
			TOTAL U.S.	41,537
			DISTRICTS 1-4	34,969
		DISTILLATE FUEL	CENTRAL ATLANTIC	32,921
			DISTRICT 1 TOTAL	55,551
			TOTAL U.S.	132,189
			DISTRICTS 1-4	119,526
		RESIDUAL FUEL	CENTRAL ATLANTIC	14,588
			LOWER ATLANTIC	2,753
			DISTRICT 1 TOTAL	18,528
			TOTAL U.S.	43,568
			DISTRICTS 1-4	35,716
	PAGE 4 T	TOTAL CRUDE OIL IMPORTS	DISTRICTS 1-4 TOTAL	4,340
			TOTAL U.S.	4,664